

The Blurb

A Publication of

THE PHIL-MONT MOBILE RADIO CLUB, INC.

c/o 641 KISMET ROAD, PHILADELPHIA, PA 19115-1114



JACK HARING

VIRGINIA HARING - W3IIM

2113 Edgehill Drive

Furlong PA 18925-1101

W3IIM

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FIRST CLASS MAIL



The Blurb

August 1996



Our 47th year



VOLUME 46

is published monthly by, and for, the members of **The PHIL-MONT MOBILE RADIO CLUB, INC.** whose purpose is to promote Amateur Radio in general, and Mobile Radio in particular. Copying and quoting is permitted with a credit line. We gladly exchange publications with other amateur radio clubs; requests should be sent to the Editor. *Blurb* subscriptions are available to nonmembers for \$10 addressed to the Treasurer. The club meets sometime after 7:30 p.m. on the first non-holiday Wednesday of every month at **The Franklin Institute Science Museum**, Benjamin Franklin Parkway at 20th Street, Philadelphia. Enter from Winter Street, or the parking garage on 21st street. **ALL VISITORS ARE WELCOME!**

Amateur Radio License Examinations are held on the first non-holiday Thursday of every month at The Franklin Institute Science Museum—doors close at 6:30 p.m.—**SHARPI!**

NUMBER 8

CLUB INFORMATION

24-Hour Information Number at **W3AA: (215) 448-1139**

Repeater frequencies: 147.03 MHz (**Roxboro** input requires no PL, but outputs 91.5 Hz.)

The following PLs are required for satellite receiver access:

Bucks County 131.8 Hz—**Center City** 103.5 Hz—**Lansdale** 114.8 Hz
444.80 MHz (186.2 Hz PL)

Simplex frequency: 147.51 MHz

W3AA packet BBS frequency: 144.99 MHz—E-mail: w3aa@fi.edu

Mailing Address: P.O. Box 88, Abington, PA 19001

STATIONS

W3QV - 147.03 MHz. Repeater - 8200 Ridge Avenue, Philadelphia, PA - Trustee **W3BBB**
W3EM - Trustee **W3VVS**

W3AA - The Franklin Institute Science Museum, Philadelphia, PA - Trustee **WU3I**

The club sponsors this world-class demonstration station, and welcomes all amateurs (with license) to operate it.

OFFICERS

PRESIDENT: WU3I, Steve Hoch, 4638 Oakland Street, Philadelphia, PA 19124 (215) 535-8061

shoch@comcast.com—wu3i@w3aa.org—#sepa.pa.usa.noam

1st VICE PRESIDENT: N3FVI, Bill Popovic, 343 Lemonte Street, Philadelphia, PA 19128 (215) 487-9472
71441.740@compuserve.com

2nd VICE PRESIDENT: KA4LIF, Thom Scott, 7034 Gillespie Street, Philadelphia, PA 19135 (215) 331-1118
scott.tom@forum.va.gov—ka4lif@ke3cz.org—#sepa.pa.usa.noam

SECRETARY: AA3CH, Russ Stafford, RD-1 Box 426, New Castle, DE 19720 (610) 497-4590
russ@hdj.com—aa3ch@aa3ch.org—#sepa.pa.usa.noam

TREASURER: KB3IV, Ed Masarsky, 15 Poe Avenue, Wyncote, PA 19095 (215) 572-5238

DIRECTORS

AA3EP (97); **K3GNM** (97); **W3BBB** (96); **W3RM** (96); **N3GMH** (A); **K3KUD** (A); **W3QZO** (A)

COMMITTEES

Archives: **W3IIN**

Audit:

Blurb Folding: **WB3KOH&J**

Budget: **K3KUD**

Directory: **WB3KOJ**

Education: **AA3CH**

Emerg. Coord.: **W3BBB**

Field Day: **N3IEI**

Membership: **KA4LIF**

Net Control: **KB3IV**

Program: **N3FVI**

Publicity: **N3IEI**

Refreshments: **N3FVI**

Repeater: **W3BBB**

Special Events: **AA3EP**

VE Program: **ND3Q**

TVI: **W3VVS**

W3AA: **KB3IV**

Welcome:

Blurb STAFF

Editor: **W3IIM**, Jack Haring, 2113 Edgehill Drive, Furlong, PA 18925 (215) 794-7623

w3iim@chmc.com

Labels: **WB3KOJ**

Publisher: **W3IIN**

Artist: **N3QIE**

DEADLINE: To be assured of publication in the current month, all copy **MUST** be in the hands of the Editor at the Bored of Directors' Meeting!

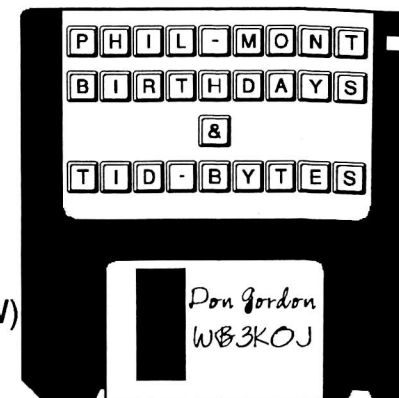
NET SCHEDULE

SUNDAY	09:30	147.030	MHz FM	"SUNDAY MORNING 2 METER NET"
	10:00	28.993	MHz SSB	"10-ON-10 NET"
	10:20	3.993	MHz SSB	75 METER NET
TUESDAY	20:00	147.030	MHz FM	CW PRACTICE NET (ON SUMMER HIATUS)
LAST WED	20:00	147.030	MHz FM	W3AA OPERATORS' NET

AUGUST BIRTHDAYS

- 01 Lee Pamplin - **N3EKR**
- 02 Tom Bohlander - **WA3KLR**
- 04 Harry Carl - **W3KDO**
George King - **W3PXY**
Alice Tannenbaum (XYL **K2BN***)
- 05 Rollie Madara - **W3PWG**
Kitty Trout - **KA3BDU** (XYL **W3IGW**)
- 07 Mike Errigo - **WB3EQW**
Kathie Rorick (XYL **N3GEN**)
- 08 Joe Johnston - **K3VXU**
- 09 Carolyn Popovic - **KA3VLJ**
- 12 Ethel Cox (XYL **K3TYB**)
Maryann Errigo (XYL **WB3EQW**)
Bryan Hoch - **N3VJE***
Joann Hoch - **N3FTC**
- 14 Pat Mescanti (XYL **WB3CMM**)
- 15 Mark Ackerman - **WA3AUN**
Jeff Graf - **N3JJS***
- 16 George Graf - **N3JDM***
- 18 Gertrude Richenbach (XYL **WE3D**)
Thom Scott - **KA4LIF**
- 19 DonnaLynn Larkin - **WA1WYQ** (XYL **KA2FFP**)
- 22 Hal Burks - **KA3LCW**
John Muroff - **W3SAI**
- 24 Lawrence Weinstein - **N3STR**
- 25 Frank Whitten - **K3TEF**
- 27 Ursula Garvin (XYL **W3GRY**)
Joanne Shoaf (XYL **KA3NKT**)
- 28 Gordy Lusky - **W3APD**
Joan Peebles - **N3HPV** (XYL **NZ3O**)
- 30 Paul Bohlander - **W3VVS**

*Indicates New Member 1995-96



MEMBERSHIP STATS

162 Fully paid
22 Family
3 Honorary
0 Pending

HELP PHIL-MONT

Are you planning to join ARRL or renew your current membership? Help P.M.R.C. by joining or renewing through the club...contact Ed Masarsky, **KB3IV**, for details.

CRASH-BANG-@\$\$!&

The _____ hard drive got a virus (don't .exe any file you download without virus checking it!). So please check your mailing label and birthday list; and when you get your PMRC invoice in December, look at it carefully!

"DON'T TAILGATE... WAIT"—for the courtesy 🚗!

- 6) After the Nominations have been closed, the President shall appoint a Board of Elections, consisting of a Chairperson (Judge of Elections), and two members. It shall be the function of this Board to supervise the elections at the Annual Meeting, carry out the Bylaws and Rules of Election, and to resolve any problems associated with the election which are not covered by said rules.
- 7) Electioneering shall be encouraged, with the Official Association Publication (*The Blurb*) carrying profiles of the candidates when submitted. In addition, at the Annual Meeting, the candidates shall each be allotted from three to five minutes for campaign speeches if requested.
- 8) The winning Party, and the Directors, must be elected by a simple majority of those voting, eliminating those with the lowest vote. Balloting must continue until a simple majority is reached.
- 9) Absentee ballots are to be delivered to the Judge of Elections no later than 7:30 p.m. on the night of the elections. The ballot should be in an unmarked, sealed envelope, inside another envelope showing the PMRC member's name on the outside, so that the Judge of Elections can check to determine that the vote is coming from a paid-up eligible member. ☺

Another call comes home to Phil-Mont!

Bradley C. Algeo, W3EM was a member of PMRC for over 35 years, and was an active mobile station from his mini-Crosley with an 8' whip on 29,493 kc AM.

He arranged the first parade communications exercise for Phil-Mont in Trenton, NJ early in 1952.

Retired as a commander in the naval reserve after an active navy career, he spent many years at the Johnsville Naval Air Station.

At the time of his death, on July 25, 1986, he was living in Tarpon Springs, Florida aboard a custom-made miniature tug boat named 'Easy Mike'.

John Algeo, his son living in San Diego, and Mary Hasiak, his daughter in Tarpon Springs are both enthusiastic about his call being transferred to Phil-Mont for use at Field Day and other communications exercises.

CW operators especially, will appreciate the ease of using W3EM. ☺



NEW MEMBER APPLICATION

CALL:	N3XKE
NAME:	Eugene DiNardi
HANDLE:	Gene
CLASS:	Technician Plus
ADDRESS:	130 Osborn Street Philadelphia, PA 19128
OCCUPATION:	Environmental Management
HOME PHONE:	215-482-2456
BUSINESS PHONE:	215-875-3669
E-MAIL:	75066.2107@compuserve.com
PACKET:	
INTERESTS:	W3TKQ; VE

NEWS FLASH!

Leading Museum Station Gets New Identity

W3TKQ becomes W3AA

On March 5, 1952 amateur radio station W3TKQ was born at The Franklin Institute Science Museum in Philadelphia.

Originally sponsored by the Haverford Township Emergency Radio Net, the responsibility of the station's educational mission was passed in 1960 to The Phil-Mont Mobile Radio Club which, to this day, maintains the tradition of daily operation of this world-famous demonstration station.

When the FCC recently announced the opening of the "vanity call" program, Marian Fox, WA3YJR, wife of recently deceased club member Harold Fox, suggested that her family would be very pleased and honored if Hal's call could be reassigned to the club station. Thus the wheels were set in motion to exchange the venerable W3TKQ for the unique and prestigious W3AA.

The club's Board of Directors is proud of the legacy of the original call letters, but believes that the new call letters signal yet another milestone in the station's history of service to the community. Staffed with dedicated volunteer operators, and with the support of the staff of The Franklin Institute, the station will continue its mission of education far into the 21st century. It is fitting that this leading amateur station, which has introduced to countless thousands the enjoyment of amateur radio communications, now has call letters worthy of its achievements.

It is also fitting that the first radio contact using the new W3AA call letters was made with W3BBB, the ARRL Atlantic Division's "Grand Old Ham" of 1993, who in 1962 built the station's first glass-enclosed ham shack in The Institute, and who has been associated with the station longer than any living amateur.

The station may be reached at 215-448-1139.

For more information, contact the station's trustee, Steve Hoch, WU3I at w3aa@fi.edu

On the Internet: <http://sln.fi.edu/tfi/exhibits/w3aa.html>

The PREZ SEZ

Steve Hoch, WU3I



Well here it is August and Summer's almost half gone. I can hear the parents cheering and the students crying now.

Now is the time to plan for the Fall Public Service season, The BIG ONE is upcoming the last weekend in September with the MS150 to Ocean City New Jersey. Good food, good people, a free night at the Shore; what more could you ask for? Contact AA3EP for the info ASAP. Please don't wait 'till the last minute. Unlike some of the other events, we are the primary communications for the entire course, and all the help is necessary.

Elsewhere in this issue is notification to a vote on a change in the Bylaws. Please read this carefully, and attend the September meeting for the vote on the changes.

You will also notice a change to the rules of elections READ THIS CAREFULLY!!! This change in the rules of elections is designed to improve the operation of the club by having a team concept form *before* the elections. Now remember: a Party does not have to be limited in size, but there only four electable offices in a party; President, Vice-President, Treasurer and Secretary. You can have party chairmen, PR people, and just about anything you want to support the Party's Slate of Candidates. Have fun with this, and get yourself involved. IT'S FUN!

At this time I would like to request the assistance of one of you to serve as Nominating Chairperson. This is the person the Party Representative will contact in order to be placed on the ballot. Now is not too soon. ☺

General Meeting Program

Our August Speaker is **MISS BARBARA PEACHEY**
MS-150

Although young in age, certainly not short on knowledge of fund raising events. Barbara joined the MS staff just a few years ago, and has risen through the ranks to the position of Director of Fund Raising Events for the Philadelphia chapter of the MS Society. One of her duties is the liaison from the Amateur community to the staff at MS. She has many stories, and much knowledge to share with us. So let's show support in our club, and come to the August meeting with your questions for Miss Peachey.

Section 2 - Terms

Replace the words The four members with The six members.

Replace the words two directors standing with three directors standing for.

Section 3 - Members

Replace the words The three members with The member.

Article 13

Section 1 - Members

Add the following sentence:

If the business to be transacted at the meeting has been published in the official association publication (*The Blurb*) at least one month prior to the meeting, a quorum for the purpose of transacting that business shall consist of the members present and voting.

Rules of Election

To be replaced in its entirety with the following:

Any and all members who are eligible for election to office are encouraged to form, or become a part of, a Slate of officers (Party) to be entered into nomination. Nomination of multiple Parties is encouraged.

A 'Party' shall consist of a candidate for President, Vice-President, Secretary and Treasurer, and shall be nominated, and elected, in its entirety. Multiple Parties may be developed to reflect the divergent interests of a group of members. No Party will be refused nomination so long as requirements of the Bylaws have been satisfied.

- 1) A Nominating Committee Chairperson shall be appointed by the President. The Chairperson may appoint additional committee members selected from the general membership.
- 2) Voting shall be for each Party in its entirety as presented. Voting for Director shall be on an individual basis, and not as a part of any Party. No individual's name shall appear more than once on the entire ballot.
- 3) Nominations are to be announced by the Nominating Committee Chairperson at a General Meeting at least three weeks prior to the Annual Meeting. Additional nominations, of Parties or individual Directors, will be accepted from the floor following the announcement. Nominations shall be closed at the conclusion of this meeting.
- 4) Only members who have previously indicated their willingness to run may be nominated for any office.
- 5) 'Slates', or 'Parties' shall be listed in the order in which they declare their candidacy. Candidates for Director shall be listed separately in alphabetical order by call.

It's time to change the Bylaws!

We should remove the office of Second Vice President effective January 1, 1997. The Board feels that the office no longer serves the purpose for which it was created. Correspondingly, the number of Directors would be reduced by one.

Additionally, the Board has approved new 'Rules of Election' which, it hopes, will encourage many of our newer members to step forward to participate in the day-to-day administration of the club.

Rather than continuing the practice of nominating and electing individual officeholders, the changes are meant to encourage members to form "parties" which would run as complete slates of officers, and, as such, have a more cohesive, team-like approach to managing the day-to-day operations of the club.

Candidates for the office of Director would continue to stand individually for office.

Parties representing the varied interests of club members could have a healthy effect on future club activities, and would be encouraged to represent the many different areas of interest to today's amateurs.

The club was formed specifically to represent the interests of the then budding *mobile* amateurs. Today's club needs to espouse a much broader appeal to remain healthy into the 21st century.

We encourage all members to join together to make this new experiment a success and, as a side benefit, return to the elections the great fun and camaraderie that they once were.

Proposed changes to the Bylaws

To be voted at the September General Meeting

Article 8

Section 1 - Officers

- Delete the word First.
- Delete the words Second Vice President.

Article 9

Section 2 - First Vice-President

- Delete all occurrences of the word First.

Section 2.1 - Second Vice-President

- Delete entire section.

Article 10

Section 1 - Board of Directors

- Replace the words twelve in number with eleven in number.
- Replace the words four other members with six other members.
- Replace the words three members appointed with one member appointed.

UPCOMING

- Aug 1 License Examinations at
The Franklin Institute
- Aug 7 **General Meeting Program**
Barbara Peachie
The MS-150 In Depth
- Aug 14 Directors' Meeting at
W3IIM & N's
~ ~ ~
- Sept 4 **General Meeting**
- Sept 5 License Examinations at
The Franklin Institute
- Sept 18 Directors' Meeting at
N3WCO's

HAMFESTS

- Aug 4 EASTON, PA
Delaware-Lehigh ARC
- Aug 17-18 YORK, PA
- Aug 18 GEORGETOWN, DE
Delmarva
- Aug 25 MULLICA HILL, NJ
Gloucester County ARC
- Sept 8 GAITHERSBURG, MD
Farfest
- Sept 22 MT. HOLLY, NJ
South Jersey Radio Association

Federal Communications Commission

1270 Fairfield Road
Gettysburg, PA 17325

Internet: <http://www.fcc.gov>

License Information

800-322-1117—M-F 0800-1630

Fax-On-Demand

202-418-0177

V.E. TEST LOCATIONS

Confirm all information, in advance, with the contact person. Licensed applicants must bring the original, and one photocopy of their license. All applicants, including children, must two means of positive ID. Also bring the original, and a copy, of any Certificate of Successful Completion needed to prove current status. The ARRL VEC's 1996 test fee is \$6.05; there is no charge for a Novice test.

- **THE FRANKLIN INSTITUTE**
Monthly, 1st Thursday—Dusty Rhoads, ND3Q
(215) 879-0505 day, (215) 448-1139 24-hours
- **BELLMAWR, NJ**
Bill Helmatag
(609) 933-1500
- **BRYN MAWR**
Bob Lees
(215) 265-6032
- **LEVITTOWN**
George LeNoir, WR3B
(215) 943-4886
- **LINWOOD, PA**—(Commercial & Amateur Exams.)
Russ Stafford, AA3CH
(610) 358-2311
- **MORRISVILLE**
Dave Munson, NM3K
(215) 788-7515
- **POTTSTOWN**
Warren Erdman K3ZXQ
(215) 679-5764
- **TELFORD**
Warren Erdman K3ZXQ
(215) 679-5764
- **UNIVERSITY OF PA**
Jeff DePolo
(215) 898-8538 shack, (215) 337-7383 home
- **WARMINSTER**
Tom Michaud, WA3TQJ
(215) 343-3494

PUBLIC SERVICE EVENTS

Charlie Weigand, AA3EP (610) 323-1050
Russ Stafford, russ@hdj.com

- Sept 21 Arthritis Bike Tour
- Sept 28-29 MS-150 City-to-Shore-to-City
- Dec 1 Brian's Run

MINUTES

JULY GENERAL MEETING

Russ Stafford, AA3CH, Secretary



The July meeting was short with low attendance! Let's all try to make the August General Meeting when our speaker will be Miss Barb Peachey from the MS Society. A great speaker needs great listeners.

The 558th general meeting was opened promptly by President, Steve-WU3I at 19:38 hours in the Choices Forum at The Franklin Institute. There was no Treasurer's report as Ed-KB3IV was unable to make it. (There goes half of my report.)

Steve gave a very short report on Padderama, Field Day, and CoreStates.

W3TKQ - A big THANK YOU to W3BBB and W3IIM for the large backlit photo, and the installation of good ole Ben Franklin at W3TKQ.

Olympic Tee Shirts were presented to

the Hams who helped with the Olympic Torch Run through Philadelphia.

Membership - Tom-KA4LIF, reported that N3DAM-George will be voted on at Mid-Month.

Vice President, N3FVI-Bill, reported that Barb Peachey will be our speaker at the August meeting. Miss Peachey will answer all questions on the upcoming bike tour, as well as where the funds come from, and how they get used. Bill also reported that he will get a letter to H.R.O. for JPS on acquiring a 6 meter radio for W3TKQ.

N3PDO-Mike, reported there were 11 members with two guests, N3WPE-Gary and N3XKE-Gene.

The meeting was closed at 19:52 and the floor turned over to Bill-N3FVI for the BIG BANG!... The Potato Bazooka. ☺



Repeater+Scanner=Pen Pal

You never know who's listening

Bensalem, PA

Dear "Doctor Carl"

I hear you in the morning talking to Bill (on my scanner). I would love to be your pen-pal even if you don't answer.

You are such a wonderful person, and so too is Bill.

I will someday send you some video tapes of old movies.
(name withheld)



Gloia Iolanda Marconi Braga died on July 17, 1996 in New York. She was 80.

Mrs. Braga was Guest of Honor at the W3TKQ rededication ceremony held at The Franklin Institute on October 23, 1991.

The fourth child of Guglielmo Marconi (from the first marriage of the Nobel Prize winner and Beatrice Inghirami O'Brien), she was born in London on April 10, 1916, and studied in Italy. In Rome she worked with the Italian Radio Association. In 1954 she married George Atkinson

Braga, and moved to the USA to begin working at NBC.

In 1974 she started the Marconi International Fellowship—of which she was president—with the intention of honoring her father, recognizing at the same time the creative work of scientists and technicians in the field of communications, who, according to the Marconi tradition, continue to make progress on the frontiers of knowledge, in the interest of all humanity continuing on the road pioneered by Guglielmo Marconi. ☺

July Blurb Feedback de Farmer Makefield

Wall now more tails to tell from last months rag. Alwaze astounded by the super presentation every Blurb coming out. J&J (Jack & Jinny) pseudo for C&V (Claudio & Virginia) who put this whole mess together every month and without Sam we would have nothing, his carfoons pulse the times. July missive -Leo got front page and for real. Once again big \$ try to cut us to pieces. Pay attention. Paddelrama did fine. Bradley trying to get a commission out of the 10\$ boat sale he didn't own. This guy FVI is dangerous - he shoots potatoes - mashed, escolloped, shoo string out of his patented gun to rise an antenna string over the local tree. FM can't believe that story is true. Hairspray ? kaboom! That may grow some hair on W3PXY, K3GNM, BBB, CMM, HX, LKI, and jolly charlie and the other 100 members in the club. FM uses Channel No.5 and will have to switch. I wonder if it would shoot horse apples, we have an endless supply - more being manufactured every day here on the farm. Best part if it misses then the yard is properly fertilized. Who were witness to that hair raising tail -sign here.*** Editor take note of all those who write for the Blurb -some mighty fine music by IEI, CH, UI, - fantastic penmanship. Chris signed off on the Field Day 95 article so his certification of the potato gun story must be for reel. Carol and Rick hogged the picture pages. Wally, incognito - looked like he just got out of Alcatraz. 35wpm? -impossible except by Mike and RM who looked like he lost his wallet. Bill and Paul were quaffing cool aid while it rained -loaded. Clinton Richardson II pictured hisself in the round as Ben -the place will never be the same. FM needs to dumb down squibs so Don can comprehend - thats what happen when you quit school at 7th grade. Reading class starts at 8th. If not we will get a Polish interpreter. Bill - horse apples fly apart in the potato gun - keep trying and you will have the best fertilized lawn in Philly. Now that's a tall tail - do you believe it? But the antenna got hung up. If you are having trouble with these inside stories, go back and re-read July for the fakks.

EARLY NOTICE

The largest two day bike tour on the east coast will be held this year on Sept.28 & 29.

The MS-150 "City to Shore" requires some 130 hams. We would like to get a few more to help out this year... Just a reminder (if you want the spot you have had in years gone by), please sign up as early as possible. Harry, (N3 ISO@AA3CH, #SEPA. PA. USA. NOAM) mailed the early-bird forms in June.

The lower half of the route looks like it will be changing this year, again, from the lunch stop south. Instead of coming in from the 34th Street bridge, we will be coming in from the north end of Ocean City, so there will be big route changes to the lower half.

If you have a friend who would like to help out, but is not on the mailing list, drop Harry a packet at the address above and he will put them on the list. ☺

GOODIES

Kenwood TH27A-2m HT w/charger, 12v adapter, leather carrying case

—and—

Radio Shack 2m-5/8 wave mag-mount antenna asking \$275

Joe Kay, N3LMT
610-825-8175

MINUTES

JULY DIRECTORS' MEETING

Russ Stafford, AA3CH, Secretary

JULY 17, 1996 Our Mid-Month meeting was opened promptly by President Steve-WU3I at 20:08 hrs in the home of Annette & Tom KA4LIF.

Our treasurer Ed, KB3IV reported a starting balance of \$1,528.00 with an income of \$0.0, \$180.00 in expenses, leaving a new balance of \$1,347.46.

Jim, W3BBB reported on the repeater saying we have on order UHF radios for links, voter receiver, and new identifier chips for the system. On the repeater move we still have no word.

Membership, KA4LIF, Tom. Reported N3DAM, George was voted into the club. WELCOME N3DAM!

Net Control- WB3KOJ Don has volunteered to be one of the 2 meter net controls.

There was a discussion on programs. August will be Miss Barbara Peachy from the National M.S. Society. (SO COME ON OUT TO A MEETING)

AA3CH, Russ explained about the new Phil-Mont list server. When on packet you <TYPE> SP PMRC@AA3CH.#SEPA.PA and write your message. It will then go out to all PMRC members on packet, more on the server in the BLURB.

Special events AA3EP, Charlie reported that the Arthritis Foundation Bike Tour will be held Saturday September 21. Starting from Longwood Gardens on RT-1 near Chaddsford, Pa. About ten hams are needed for this event. The BIG ONE... The MS-150 CITY TO SHORE will be held Sept. 28 & 29th. Applications are available from AA3EP, Charlie. Just a reminder to get

them (forms) in A.S.A.P., LIKE RIGHT NOW!

W3TKQ will be net control the 2nd half of day two on the MS-150. Two good net controls are needed. Please contact AA3CH, Russ if you would like to be one of them at W3TKQ. WU3I, Steve, Showed off the T-Shirts from the torch run.

V.E. Team will be moving to the 3rd floor while they rebuild the 5th floor. This will start with the September testing.

W3TKQ Steve WU3I, read a letter from The Franklin Institute in reference to slow scan T.V., The letter is posted at the amateur T.V. position at W3TKQ. All ATV folks should read before using the slow scan. The W3TKQ wish list... Needed are 100mb or larger IDE hard drive, 30 pin 1 meg simms for some upgrades at W3TKQ.

A long discussion on the rules of election was held. After a few changes, the new rules of election was moved by KB3IV, Ed and 2nd by KA4LIF, Tom.

A discussion on the bylaws changes. The changes will be printed in the Blurb.

The meeting was closed at 22:14 Thank you to Tom & Annette for hosting the meeting. ☺

Call

1-800-32-NEW-HAM

for free information for
prospective hams

THE W 3 A A REPORT

The upgrade on the BBS is getting closer; the new computer and 440 backbone transceiver should be in soon. The new systems are in at AA3CH's office, and the old systems should be ours in short order. The 440 link antenna should be installed by press-time, we're waiting for the upgrade.

If you haven't seen the newest addition to the station COME ON DOWN! Ben Franklin (Ralph Archebold) has replaced the faded map in the upper position of the console. W3BBB and W3IIM did the installation which looks MAHVELLOUS.

We're still working on a 6M rig for the console position to replace the TS450. Ham Radio Outlet is going to try to get us a radio from Japan Radio. They are waiting on a letter from N3FVI.

We have had a directive from the Museum regarding the SSTV. The SSTV must be attended at all times in "LIVE RECEIVE." This means the Ten-Tec rig cannot be turned on, and the computer activated in receive, unless you sit in front of the screen and observe each picture as it comes in. Certain pictures are not to be shown on the display, and the receive must be stopped and the screen cleared if this type of picture is received. Please consult the notice at the station, or call me for further clarification.

—Steve Hoch, WU3I

Internet: <http://sln.fi.edu/tfi/exhibits/w3aa.html>

only protect you from serious damage caused by viruses, but is also necessary in the case of a serious hardware failure.

Never boot from a diskette a computer containing a hard disk, because that is the only way the hard disk could become infected with a BSV. (Well, strictly speaking, it can happen if you run a "dropper" program too, but that happens extremely rarely).

If your BIOS allows you to change the boot sequence to "C: A:", do it. This will give you very good protection against boot sector virus infections.

Should you, by accident, have left a non-bootable diskette in drive A: when you turn the computer on, the message "Not a system disk" may appear. If the diskette was infected with a virus, it will now be active, but may not have infected the hard disk yet. If this happens, turn the computer off, or press the reset button. It is important to note that pressing Ctrl-Alt-Del will not be sufficient, as a few viruses can survive that.

If the computer has no hard disk, but is booted from a diskette, you should always use the same diskette, and keep it write-protected.

Keep all diskettes write-protected unless you need to write to them. When you obtain new software on a diskette, write-protect the diskette before you make a backup copy of it. If it is not possible to make a backup of the diskette, because of some idiotic copy-protection, I do not recommend using the software.

Be really careful regarding your sources of software. In general, shrink-wrapped commercial software should be "clean", but there have been a few documented cases of infected commercial software. Public-Domain, Freeware and Shareware packages do not have to be any more dangerous - it all depends on the source. If you obtain

software from a BBS, check what precautions the SysOp takes against viruses. If he does not screen the software made available for downloading, you should find another source.

Check all new software for infection before you run it for the first time. It is even advisable to use a couple of scanners from different manufacturers, as no single scanner is able to detect all viruses.

Obtain Shareware, Freeware and Public-Domain software from the original author, if at all possible.

Look out for any "unusual" behavior on your computer, like:

- Does it take longer than usual to load programs?
- Do unusual error messages appear?
- Does the memory size seem to have decreased?
- Do the disk lights stay on longer than they used to?
- Do files just disappear?

Anything like this might indicate a virus infection.

If your computer is infected with a virus - DON'T PANIC! Sometimes a badly thought out attempt to remove a virus will do much more damage than the virus could have done. If you are not sure what to do, leave your computer turned off until you find someone to remove the virus for you.

Finally, remember that some viruses may interfere with the disinfection operation if they are active in memory at that time, so before attempting to disinfect you MUST boot the computer from a CLEAN system diskette.

It is also a good idea to boot from a clean system diskette before scanning for viruses, as several "stealth" viruses are very difficult to detect if they are active in memory during virus scanning.

DataFellows, Inc. <http://www.datafellows.com>

memory, reducing the amount of memory that the DOS sees. For example, a computer with 640K might appear to have only 639K.

Most BSVs are also able to infect hard disks, where the process is similar to that described above, although they usually infect the master boot record instead of the DOS boot record.

Program viruses, the second type of computer viruses, infect executable programs, usually .COM and .EXE files, but sometimes also overlay files, device drivers or even object files.

An infected program will contain a copy of the virus, usually at the end, in some cases at the beginning of the original program, and in a few cases the virus is inserted in the middle of the original program.

When an infected program is run, the virus may stay resident in memory and infect every program run. Viruses using this method to spread the infection are called "Resident Viruses".

Other viruses may search for a new file to infect, when an infected program is executed. The virus then transfers control to the original program. Viruses using this method to spread the infection are called "Direct Action Viruses". It is possible for a virus to use both methods of infection.

Most viruses try to recognize existing infections, so they do not infect what has already been infected. This makes it possible to inoculate against specific viruses, by making the "victim" appear to be infected. However, this method is useless as a general defense, as it is not possible to inoculate the same program against multiple viruses.

The third type of viruses are application viruses, which do not infect normal programs, but instead spread as "macros" in various types of files, typically word-processor documents or spreadsheets.

In general, viruses are just programs—

rather unusual programs perhaps, but written just like any other program. It does not take a genius to write one - any average assembly language programmer can easily do it. Fortunately, few of them do.

Now - to correct some common misconceptions, here are a few bits of information about what viruses cannot do.

A virus cannot appear all by itself, it has to be written, just like any other program.

Not all viruses are intentionally harmful - some may only cause minor damage as a side effect - however, there is no such thing as a "harmless" virus.

Reading data from an infected diskette cannot cause an infection.

A write-protected diskette cannot become infected, if the hardware is working properly.

It used to be the case that a virus could not infect a computer unless it was booted from an infected diskette or an infected program was run on it, but alas, this is no longer true. It is possible for a virus infection to spread, just by the act of reading an infected Microsoft Word document, for example, or through use of Lotus Notes, to name two well-known applications.

It also used to be the case that a virus could not infect data files or spread from one type of computer to another - a virus designed to infect Macintosh computers could not infect PCs or vice versa, but with the appearance of application viruses this has changed as well - there are now a few viruses that can infect WinWord as well as MacWord.

Apart from using anti-virus programs, there are several ways to protect your computer from viruses:

Rule #1 is: MAKE BACKUPS!!! Keep good backups (more than one) of everything you do not want to lose. This will not

SO YOU WANT TO HELP ON PUBLIC SERVICE EVENTS BUT YOU HAVE NO CLUE?

AA3CH, Russ Stafford

I must say in the last few weeks I've had a whole lot of Hams coming up and asking, "What does a ham do at one of these events?"

Well, let me take the time to go over a bike tour like the MS-150 City to Shore.

This is a biggie, in fact, it is the largest two day bike tour west of the Rockies!

To give you an overview, the task at hand is to move 4,000+ cycles from the Woodcrest train station in Cherry Hill, NJ to Ocean City, NJ as fast and as safely as possible. We have to feed them, and along the way we pick them up and move them down the route if they can't make it on their own, repair their bikes when they break down, provide lodging overnight, get them medical attention if needed, and pick them up when they fall down. Well, the Hams play a large part in all of this, and I'll explain as briefly as possible.

AFTER REGISTRATION

You will receive an Amateur Radio package containing: a tee shirt for identification, Your Q sheet, information about frequencies used during the event, An MS sign for your vehicle, all miscellaneous written information pertaining to the event.

THE ROUTE

The route is broken up into two days. It is then broken up into mile markers that start at 0.0, as shown on the Q sheet. The entire event runs according to the mile markers on the Q sheet. Although the sheet is marked with North and South (even though the actual route is northwest and southeast),

North refers to north of the lunch stop and South is south of the lunch stop. Ok so far? Now we put Hams along the route, the more Hams the safer the route!

CHECKPOINTS

Let's say you are at a check point along the north end of the route—17.4 on the Q sheet. The best thing to do is go out for a trial run the weekend before the event. Start at the train station and follow the Q sheet down to 17.4 miles. Stake it out and locate a good place to park.

Now what do you do at a checkpoint on the day of the event? First put the MS sign, provided in your package, in your vehicle facing the riders. Call Net Control to let them know you are at your checkpoint. Now the hard part. You are responsible for calling Net Control with the number of the first (only the first) rider to pass by your checkpoint. The riders are aware of your location from the Q sheet, and will ask for your assistance if they are hurt or can't go on. If this is the case, you are responsible for contacting Net Control to dispatch help.

Checkpoints can be boring so I would recommend bringing water, a book, a low-band rig and whatever will make you comfortable.

START POINT

Start point is a neat place to be, however you have to get up VERY early. Start point is usually very busy with folks that are late, never show up, don't know where to go, etc. Generally, there is a lot of contact with Net Control from the start point.

REST STOPS

If you are at a rest stop you will call in if you are running out of supplies. You will also arrange for pickup of folks who just can't go on once they have made it to a rest stop, this can happen often.

LUNCH STOP

This is the halfway point. Loads of traffic from the Ham at the rest stop. Supplies, lost folks, SAG support, etc.

END POINT

In Ocean City this is the last Ham to get done. A very long Day One but a very short Day Two.

SAG WAGON

These are pickup vehicles which sweep the route from top to bottom. They pickup riders and cycles, and as a rule will take them to the closest rest stop or lunch. Here the repair folks will fix their bike as needed, or they will send them down the route on one of our busses.

REPAIR TRUCK (WAGON)

This is a bike repair truck. The Ham in the Repair Truck unit is an extra set of eyes along the route.

SHUTTLE BUSES

14 big yellow school buses. The Ham will be told where to pick up downed riders or ones who just can't make it, and bring them down to the end point.

AMBULANCES

This is very important! The Ham is the link between the route and the Ambulances.

There's a medical dispatcher at Net Control in Ocean City. They control all Ambulance movement! The Ham must always let Net Control know where they are located!

ROUTE BOSS

This is the Ham who is in charge of the route (i.e., anything with a mile marker on the Q-sheet).

NET CONTROL

This is the single most important! Net Control runs the event. There are three people at Net Control in Ocean City, NJ. 1) ChiefNetController—does most of the work.

2) Assistant Net Controller—backup to the Net Controller. 3) Medical Staff—lets Net Control know what to do with all medical related issues. There are also two backup Net Controls not in Ocean City. 4) Backup

Net Control in Linwood, PA—makes PA phone calls. 5) Backup Net Control NJ—makes NJ phone calls. Both backup Net Controls can take over if Net Control goes down in Ocean City. On Day Two we have a Net Control who takes over from Ocean City Net Control when all riders get north of lunch.

Day Two works just like Day One. But on the Q sheet 0.0 starts in Ocean City, NJ.

This is truly the very short version of what goes on, but space does not permit great detail. If you would like more detail on the subject, Charlie-AA3EP or Russ-AA3CH will be glad to help. It's been great with all the folks coming up to me during meetings and asking "How can I help!" So don't be left out, get out in the sun and help!



Computer Viruses: An Introduction

What is a computer virus? The best definition we have been able to come up with is the following 4-part one:

- #1 A virus is a program that is able to replicate, that is create (possibly modified) copies of itself.
- #2 The replication is intentional, not just a side-effect.
- #3 At least some of replicants in turn are also viruses by the same definition.
- #4 A virus has to attach itself to a "host", in the sense that execution of the host implies execution of the virus.

- #1 distinguishes viruses from non-replicating malware, such as Trojans, ANSI bombs and logic Bombs.
- #2 distinguishes between viruses and programssuchasDISKCOPY.COM that can replicate.
- #3 is needed to exclude certain "intended viruses", that attempt to replicate, but fail - they simply do not qualify as "real" viruses.
- #4 is necessary to distinguish between viruses and worms, which do not require a host.

A Trojan is a program that pretends to do something useful (or at least interesting), but when it is run, it may have some harmful effect, like scrambling your FAT (File Allocation Table) or formatting the hard disk.

Viruses and Trojans may contain a "time-bomb", intended to destroy programs or data on a specific date or when some condition has been fulfilled.

A time bomb is often designed to be harmful, maybe doing something like formatting the hard disk. Sometimes it is rela-

tively harmless, perhaps slowing the computer down every Friday or making a ball bounce around the screen. However, there is really no such thing as a harmless virus. Even if a virus has been intended to cause no damage, it may do so in certain cases, often due to the incompetence of the virus writer or unexpected hardware or software revisions.

A virus may be modified, either by the original author or someone else, so that a more harmful version of it appears. It is also possible that the modification produces a less harmful virus, but that has only rarely happened.

The damage caused by a virus may consist of the deletion of data or programs, maybe even reformatting of the hard disk, but more subtle damage is also possible. Some viruses may modify data or introduce typing errors into text. Other viruses may have no intentional effects other than just replicating.

The major groups of viruses on PCs are boot sector viruses (BSV), program viruses and application viruses.

A BSV infects boot sectors on diskettes and/or hard disks. On diskettes, the boot sector normally contains code to load the operating system files. The BSV replaces the original boot sector with itself and stores the original boot sector somewhere else on the diskette or simply replaces it totally. When a computer is then later booted from this diskette, the virus takes control and hides in RAM. It will then load and execute the original boot sector, and from then on everything will be as usual. Except, of course, that every diskette inserted in the computer will be infected with the virus, unless it is write-protected.

A BSV will usually hide at the top of

135TH MONTHLY VE SESSION STATISTICS JULY

14 candidates took 30 elements
6 new amateurs plus 3 upgrades

VE team members:

Dusty Rhoads, ND3Q, Chairman
Wally Newell, K3JJO; Thom Scott, KA4LIF;
Jim McCloskey, KE3OP; Jeff Kerber, KE3UV;

AMATEUR LICENSE EXAMS HELD ON THE FIRST
NON-HOLIDAY THURSDAY OF EVERY MONTH
Registration begins at 6:00 PM

Doors close at 6:30 PM sharp

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JUST A SMALL
LOAN TILL WE
GET BACK



THNX KOS

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KATTY
KORNER

SOME GRANDMOTHERS
NEVER GROW UP!

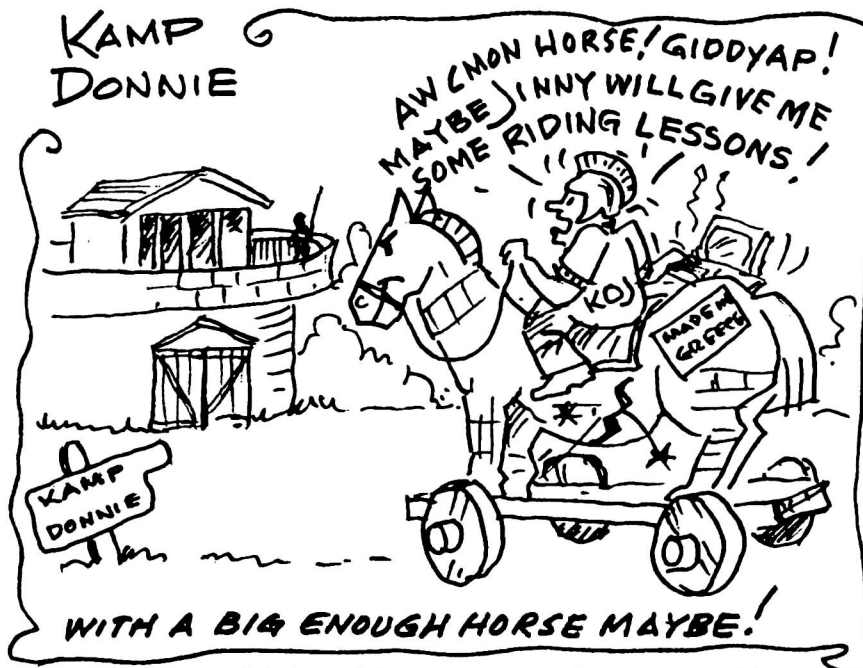


VIA KOS

Jinny and her granddaughter attended horse camp this summer!

KAMP
DONNIE

AW (MON HORSE! GIDDYAP!
MAYBE) JINNY WILL GIVE ME
SOME RIDING LESSONS!



WITH A BIG ENOUGH HORSE MAYBE!

Don needs help with his Trojan Horse (computer virus)!

1996

AUGUST

1996

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		The harder you fall the higher you bounce.		1 LICENSE EXAMS at The Franklin Institute Registration begins at 6:00 Doors close at 6:30 p.m. sharp!	2	3
4 2M NCS N3OWM 10M NCS W3HFX 75M NCS W3PWG <i>Easton Hamfest</i>	5	6 CODE PRACTICE On Summer Vacation	7 GENERAL MEETING at The Franklin Institute Refreshments at 7:00 p.m. Meeting starts at 7:30.	8	9	10
11 2M NCS W3STW 10M NCS W3HFX 75M NCS W3STW Perseid Meteor Shower	12	13	14 ● DIRECTORS' MEETING at W3IIN & M's	15	16	17 <i>York Hamfest day-1</i>
18 2M NCS WB3KOJ 10M NCS W3HFX 75M NCS AA3CH <i>York Hamfest day-2</i>	19	20	21	22	23	24
25 2M NCS KB3IV 10M NCS W3HFX 75M NCS KB3IV <i>Gloucester County Hamfest</i>	26	27	28 ○ W3AA OPERATORS' NET 8 PM	29	30	31